

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	EP-0575077-\$ DID. OR "6051127".pn. OR "5378351".pn. OR WO-0029511-\$ DID.	USPAT	AND	ON	2009/10/02 09:55
L2	2	EP-0575077-\$ DID. OR "6051127".pn. OR "5378351".pn. OR WO-0029511-\$ DID.	USPAT	AND	ON	2009/10/02 10:08
L3	0	EP-00575077-\$ DID. OR WO-0029511-\$ DID.	USPAT	AND	ON	2009/10/02 10:08
L4	1	US-5378351-\$ DID.	USPAT	AND	ON	2009/10/02 10:25
L5	0	WO-9410263-\$ DID.	USPAT	AND	ON	2009/10/02 10:27
L6	0	WO-94010263-\$ DID.	USPAT	AND	ON	2009/10/02 10:27
L7	0	WO-199410263-\$ DID.	USPAT	AND	ON	2009/10/02 10:27
L8	0	WO-94010263-\$ DID.	USPAT	AND	ON	2009/10/02 10:27
L9	0	WO-94010263-\$ DID.	USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/02 10:29
L10	0	WO-1994010263-\$ DID.	USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/02 10:29
L11	1	WO-9410263-\$ DID.	USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/02 10:30
L12	1	EP-00575077-\$ DID. OR WO-0029511-\$ DID.	USPAT; EPO; JPO; DERWENT	AND	ON	2009/10/02 10:31
L14	0	"L13" ((\$5desulfuriz\$6 OR \$5desulphuriz\$6 OR hydrotreat\$4 OR hydroprocess\$4) adj catalyst).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/02 10:59
S1	17	US-5951848-\$ DID. OR US-5543035-\$ DID. OR US-6051127-\$ DID. OR US-5378351-\$ DID. OR US-4851109-\$ DID. OR US-5157191-\$ DID. OR US-4574043-\$ DID. OR US-5252527-\$ DID. OR US-5053373-\$ DID. OR US-4859311-\$ DID. OR US-3130007-\$ DID. OR US-9723584-\$ DID. OR US-3536605-\$ DID. OR US-6576120-\$ DID. OR US-1493620-\$ DID. OR US-9941337-\$ DID. OR US-9718278-\$ DID.	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/02 11:48
S2	6	((PATRICK) near2 (MOUREAUX)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/02 11:49

S3	25	((JOHANNES) near2 ("VAN VEEN")).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/02 11:49
S4	1	"4560470".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/02 14:09
S5	0	S1 thiophene	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/02 14:13
S6	0	S1 ((HDS ADj activity) OR (hydrodesul\$2urization ADJ activity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/09/02 14:14
S7	13	((thiophene NEAR4 ((HDS ADj activity) OR (hydrodesul\$2urization ADJ activity)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/09/02 14:14
S8	0	(S2 OR S3) (thiophene NEAR4 ((HDS ADj activity) OR (hydrodesul\$2urization ADJ activity)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/09/02 14:26
S9	1	"7186757".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/04 12:09
S10	1	"6723297".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/04 13:41
S11	0	WO-200029511-?.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/09/08 09:38
S12	0	WO-0029511-?.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/09/08 09:38
S13	1	WO-0029511-\$..DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/09/08 09:38
S14	2	"4076842".pn. or "4104151".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/08 09:48
S15	155	(ZSM-12 same (member\$2 near3 ring))	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/08 09:56
S16	35	S15 (cataly\$3 adj dewax\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/08 09:57
S17	1	"4247388".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/08 09:58
S18	3	"6723297".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/26 13:08
S19	0	((zeolite near5 fluori\$4) near5 promot\$4)hydrodesulfuriz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/26 13:53
S20	0	((zeolite near5 fluori\$4) near5 promot\$4) hydrodesulfuriz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/26 13:54

S21	3	((zeolite near5 fluori\$4) near5 promot\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/26 13:54
S22	0	((sieve near5 fluori\$4) near5 promot\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/26 13:54
S23	5	"5951848".pn. OR "6723297".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 13:53
S24	470	((5desulfuriz\$6 OR \$5desulphuriz\$6 OR hydrotreat\$4 OR hydroprocess\$4) and (dewax\$4).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 14:18
S25	2	WO-9941337-\$.D1.D.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 14:19
S26	9	S24 ("9941337" OR "6383366")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 14:21
S27	4	S24 (chelat\$4 OR nitrilotriacetic OR ethylenediaminetetraacetic OR EDTA OR \$5cyclohexanediamine \$12tetraacetic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 14:24
S28	95	S24 amorphous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 14:26
S29	2	S24 LH-21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 14:27
S30	7	S24 (KF-847 OR KF-8010 OR M-8-24 OR M-8-25 OR C-424 OR DN-3100 OR DN-3120 OR HDS-3 OR HDS-4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 14:30
S31	115	(208/208R.ccls. OR 208/209.ccls. OR 208/210.ccls. OR 208/212.ccls.) \$5dewax\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 14:45
S32	20	(208/208R.ccls. OR 208/209.ccls. OR 208/210.ccls. OR 208/212.ccls.) \$5dewax\$4.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 14:45
S33	1	S32 ((large adj pore) near5 (sieve OR zeolite))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 14:46

S34	3131	(\$5desulfuriz\$6 OR \$5desulphuriz\$6 OR hydrotreat\$4 OR hydroprocess\$4) (\$5dewax\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 14:49
S35	6	S34 LH-21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 14:50
S36	349	S34 ((large adj pore) near5 (sieve OR zeolite))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 14:51
S37	165	S36 (viscosity adj index)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 14:51
S38	71	S37 (surface adj area)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 14:52
S39	3188	(\$5desulfuriz\$6 OR \$5desulphuriz\$6 OR hydrotreat\$4 OR hydroprocess\$4) (\$5dewax\$4) OR (pour adj point adj reduc\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 14:53
S40	350	S39 ((large adj pore) near5 (sieve OR zeolite))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 14:53
S41	165	S40 (viscosity adj index)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 14:53
S42	137	S41 nickel (tungsten OR wolfram)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 14:54
S43	84	S42 amorphous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 14:55
S44	36	S42 (acid\$3 near3 amorphous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 14:55
S45	738	S39 60%	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 15:13
S46	198	S39 (alumina near5 (10% OR 20% OR 25% OR 30% OR 40% OR 45% OR 50% OR 55% OR 60%))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 15:15

S47	340	S39 (alumina near5 (("10" OR "20" OR "25" OR "30" OR "40" OR "45" OR "50" OR "55" OR "60") near2 (wt or weight)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 15:20
S48	240	S39 (alumina near5 (("10" OR "20" OR "25" OR "30" OR "40" OR "45" OR "50" OR "55" OR "60") near2 ("%" )))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 15:20
S49	482	S46 OR S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 15:21
S50	5	S39 ("SiO.sub.2 /Al.sub.2 O.sub.3" near5 ("1:1" OR "50:50" OR "40:60" OR "30:70" OR "60:40" OR "55:45" OR "45:55"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 15:22
S51	482	S49 OR S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 15:22
S52	90	S51 (acid\$3 near3 amorphous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 15:23
S53	28	S52 ((large adj pore) near5 (sieve OR zeolite))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 15:24
S54	2	"7261806".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 15:31
S55	46477	(\$5desulfuriz\$6 OR \$5desulphuriz\$6 OR hydrotreat\$4 OR hydroprocess\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 15:57
S56	895	S55 (alumina near5 (("10" OR "20" OR "25" OR "30" OR "40" OR "45" OR "50" OR "55" OR "60") near2 ("%" )))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 15:58
S57	11	S55 ("SiO.sub.2 /Al.sub.2 O.sub.3" near5 ("1:1" OR "50:50" OR "40:60" OR "30:70" OR "60:40" OR "55:45" OR "45:55"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 15:58
S58	903	S56 OR S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 15:58
S59	139	(((\$5desulfuriz\$6 OR \$5desulphuriz\$6 OR hydrotreat\$4 OR hydroprocess\$4) same (alumina near5 (("10" OR "20" OR "25" OR "30" OR "40" OR "45" OR "50" OR "55" OR "60") near2 ("%" ))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 15:59

S60	0	((5desulfuriz\$6 OR \$5desulphuriz\$6 OR hydrotreat\$4 OR hydroprocess\$4) same ("SiO.sub.2 /Al.sub.2 O.sub.3" near5 ("1:1" OR "50:50" OR "40:60" OR "30:70" OR "60:40" OR "55:45" OR "45:55")))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 16:00
S61	23	S59 ((large adj pore) near5 (sieve OR zeolite))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 16:00
S62	16	S61 (acid\$3 near3 amorphous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 16:01
S63	20	(208/208R.ccls. OR 208/209.ccls. OR 208/210.ccls. OR 208/212.ccls. OR 208/243.ccls. OR 208/244.ccls.) \$5dewax\$4.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 16:16
S64	2	S32 (alumina near5 ("10" OR "20" OR "25" OR "30" OR "40" OR "45" OR "50" OR "55" OR "60") near2 ("%")))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 16:17
S65	2	"5543035".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 16:43
S68	0	"5543035".detd.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/10/01 17:52
S69	10	("5543035").URPN.	USPAT	AND	ON	2009/10/01 17:52

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L13	19	(208/208R.ccls. OR 208/209.ccls. OR 208/210.ccls. OR 208/212.ccls. OR 208/243.ccls. OR 208/244.ccls.) \$5dewax\$4.ab.	US-PGPUB; USPAT; UPAD	AND	ON	2009/10/02 10:58
L15	8	L13 ((5desulfuriz\$6 OR \$5desulphuriz\$6 OR hydrotreat\$4 OR hydroprocess\$4) adj catalyst).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/10/02 10:59
L16	1	L15 nickel.clm. tungsten.clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/10/02 11:00
L17	1291	((5desulfuriz\$6 OR \$5desulphuriz\$6 OR hydrotreat\$4 OR hydroprocess\$4) adj catalyst).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/10/02 11:00
L18	140	L17 (\$5dewax\$4 OR (pour adj point adj (reduc\$4 OR depress\$4))).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/10/02 11:01

L19	13	L18 amorphous.clm.	US-PGPUB; USPAT; UPAD	AND	ON	2009/10/02 11:02
L20	8	((208/208R.ccls. OR 208/209.ccls. OR 208/210.ccls. OR 208/212.ccls. OR 208/243.ccls. OR 208/244.ccls.) (208/28.ccls. OR 208/33.ccls.))	US-PGPUB; USPAT; UPAD	AND	ON	2009/10/02 11:10
S66	6	((PATRICK) near2 (MOUREAUX)).INV.	US-PGPUB; USPAT; UPAD	AND	ON	2009/10/01 16:15
S67	35	((JOHANNES) near2 ("VAN VEEN")).INV.	US-PGPUB; USPAT; UPAD	AND	ON	2009/10/01 16:15

10/2/2009 11:33:00 AM

C:\ Documents and Settings\ bmccaig\ My Documents\ EAST\ Workspaces\ 10-537974.wsp